Efficient use of energy sources

4203. SHRIMATI PREMA CARIAPPA:
SHRIMATI SHOBHANA BHARTIA:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether India and Japan which are fourth and fifth largest users of energy, have decided to set up working groups to cover power efficiency, oil and natural gas, coal, new technologies and nuclear power to work out a comprehensive plan;

(b) if so, whether both countries have reached an agreement to work together in achieving the efficiency;

(c) if so, the details thereof; and

(d) the steps being taken to implement them?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) to (d) The India-Japan Energy Dialogue was launched on 23rd April, 2007 in Tokyo to promote bilateral cooperation in the energy sector. The two countries have agreed to establish five Working Groups on (i) electricity and power generation, (ii) energy efficiency, (iii) coal, (iv) renewable energy, and (v) petroleum and natural gas.

Funds for the development of new and renewable energy sources

4204. SHRI S. ANBALAGAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the funds allocated for Tamil Nadu for the development of new and renewable sources of energy, in the last two years, year-wise;

(b) the funds actually utilized and the achievements made for the development of these resources and the reasons for non-utilization of allocated funds;

(c) whether Government have made any assessment of the potential of the State for the development of renewable sources of energy; and

(d) if so, the details thereof and the steps proposed to be taken in pursuance thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) Central Financial Assistance (CFA) of Rs. 3.37 crore and Rs. 6.58 crore has been provided to Tamil Nadu under various schemes/programmes of this Ministry during 2005-06 and 2006-07 respectively.

(b) to (d) The State departments, State nodal agencies and other concerned organizations are required to periodically submit progress reports, utilization certificates, and audited statements of expenditure in support of utilization of funds released. Details of estimated potential and achievements under various schemes/programmes in Tamil Nadu as on 31.03.2007 are given in the Statement.

Statement

Estimated potential and achievements under various schemes/ programmes in Tamil Nadu as on 31.03.2007

Sl. No.	Programme	Estimated Potential	Cummulative Achievements As on 31.03.2007
1	2	3	4
1.	Wind Power (MW)	3050	3492.79
2.	Small Hydro Power (MW) (up to 25 MW)	339	89.70
3.	Biomass Power (MW)	350	215.50
4.	Biomass Gasifier (MW)	-	6.46
5.	Solar Photovoltaic Power (MW)	-	0.05
6.	Energy Recovery from Waste (MW)	151	7.23
7.	Family Type Biogas Plants (Nos. in lakh)	6.15	2.11
8.	Solar Photovoltaic Programme (SPV)		
	i. Solar Street Lighting Systems (Nos.)	-	2672
	ii. Home Lighting Systems (Nos.)	-	471
	iii. Solar Lanterns (Nos.)	-	16818
	iv. SPV Power Plants (kWp)	-	30.05

1	2	3	4
9	Solar Thermal Programme		
	i Solar Cookers (Nos.)	-	1537
	ii Aditya Solar Shops (Nos.)		03
10	Wind Pumps (Nos.)	-	56
11.	Aero-generators/Hybrid Systems (kW)	-	25.00
12.	Solar PV Pumps (Nos.)	-	829
13.	Village Electrification Programme (No. of villages/hamlets)	-	152 (hamlets sanctioned)
14.	Battery operated vehicles (Nos.)	-	25

MW=megawatt kW=kilowatt kWp=kilowatt peak Nos. : numbers

Non-conventional solar energy schemes for Sikkim

4205. SHRI O.T. LEPCHA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the details of non-conventional solar energy schemes sanctioned for Sikkim;

(b) The details of amount released by the Central Government for its implementation in the State during the last three years, scheme-wise and year-wise;

(c) the number of projects out of these completed as per their schedule; and

(d) the time by when the schemes are likely to be implemented?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) The Ministry of New and Renewable Energy is implementing schemes on promotion of solar photovoltaic systems and solar thermal energy systems in the State of Sikkim. These schemes are being implemented through Sikkim Renewable Energy Development Agency, Sikkim. The following are the details of the targets sanctioned to the agency during the last three years.